

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122321\
 Data File : BF126351.D
 Acq On : 23 Dec 2021 18:46
 Operator : JU/CG
 Sample : M5189-01 2X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-122121

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/27/2021
 Supervised By :mohammad ahmed 12/31/2021

Quant Time: Dec 27 06:51:38 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 22 13:00:11 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	97767	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	337678	20.000	ng	# 0.00
39) Acenaphthene-d10	9.851	164	131219	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	233157	20.000	ng	# 0.00
76) Chrysene-d12	13.980	240	203913	20.000	ng	0.00
86) Perylene-d12	15.433	264	147263	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	290410	43.744	ng	-0.01
7) Phenol-d6	6.434	99	344267	40.840	ng	-0.01
23) Nitrobenzene-d5	7.369	82	202473	32.474	ng	-0.01
42) 2,4,6-Tribromophenol	10.639	330	48271	45.775	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	246272	32.917	ng	0.00
79) Terphenyl-d14	12.927	244	277169	23.625	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	12.551	202	41209	3.801	ng	91
78) Pyrene	12.780	202	51545	2.751	ng	96
81) Benzo(a)anthracene	13.968	228	24491	2.028	ng	# 89
83) Chrysene	14.004	228	29313	2.336	ng	# 94
88) Benzo(b)fluoranthene	15.009	252	27631m	3.123	ng	
90) Benzo(a)pyrene	15.368	252	20564	2.796	ng	# 73

(#) = qualifier out of range (m) = manual integration (+) = signals summed

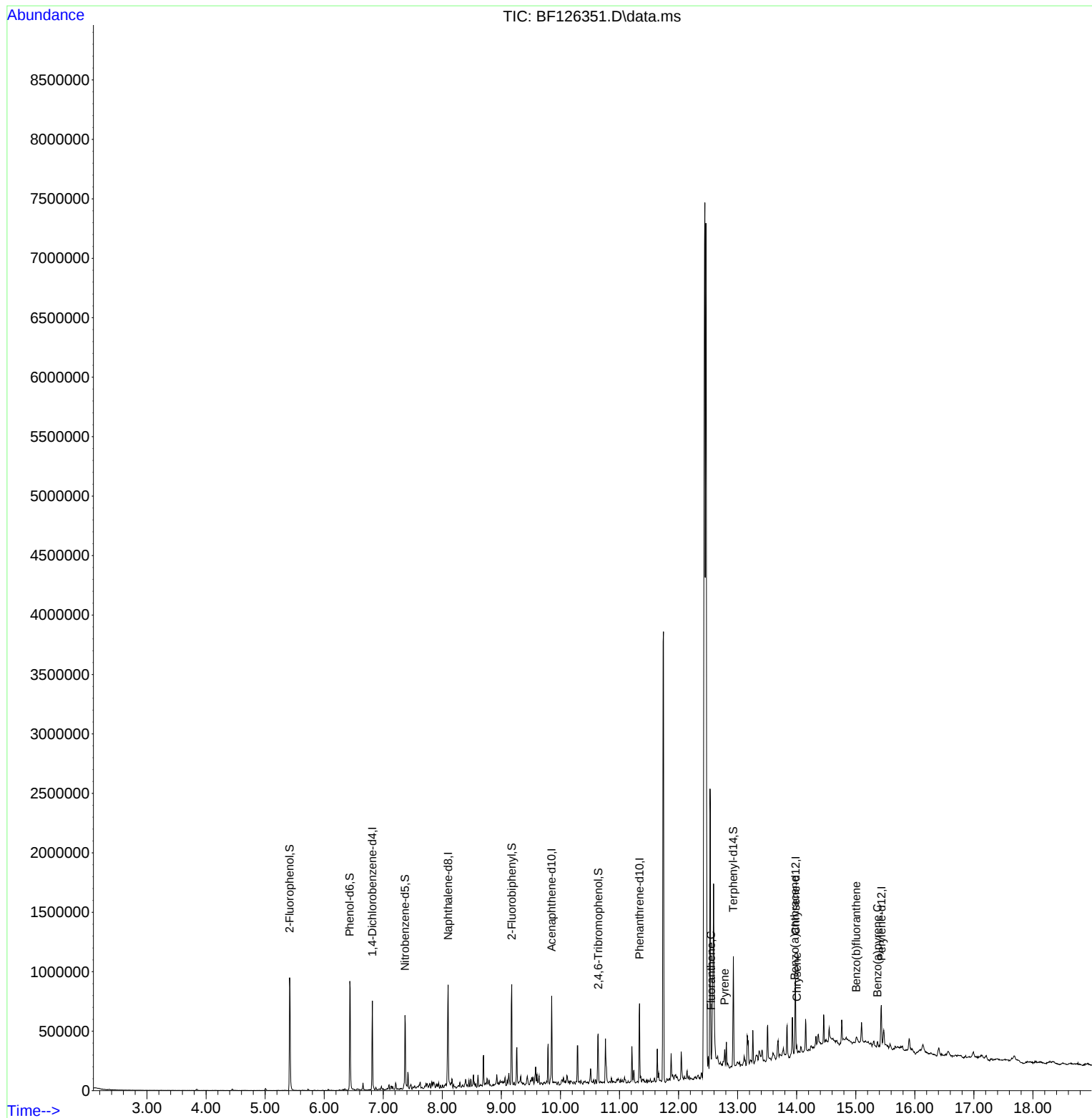
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122321\
Data File : BF126351.D
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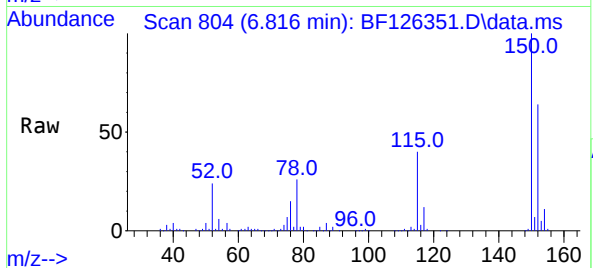
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.000 min
Lab File: BF126351.D
Acq: 23 Dec 2021 18:46

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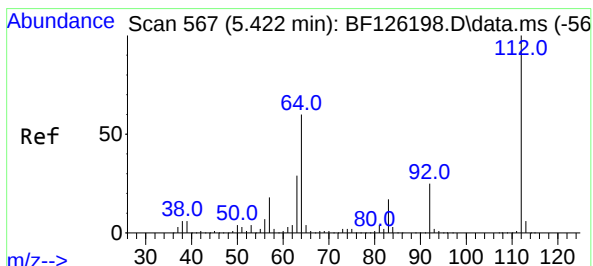
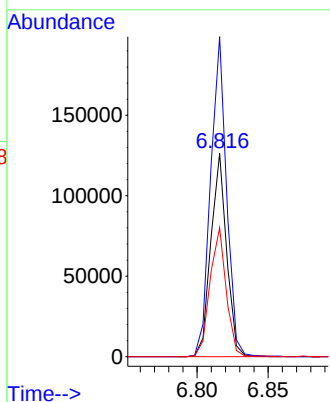
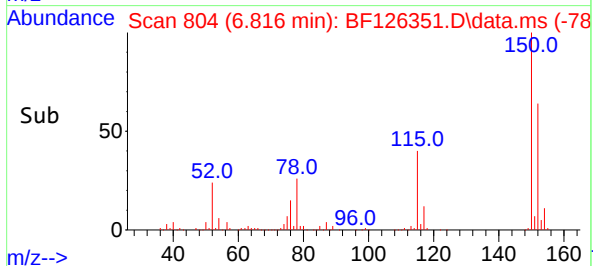


Tgt Ion:152 Resp: 9776
Ion Ratio Lower Upper
152 100
150 157.2 117.6 176.4
115 63.4 47.1 70.7

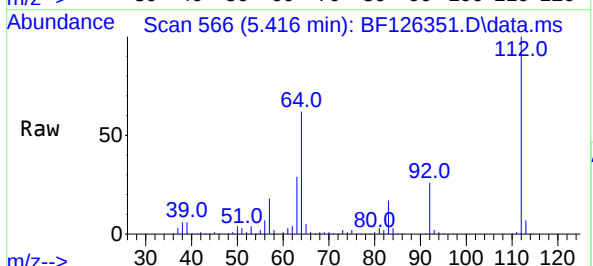
Manual Integrations

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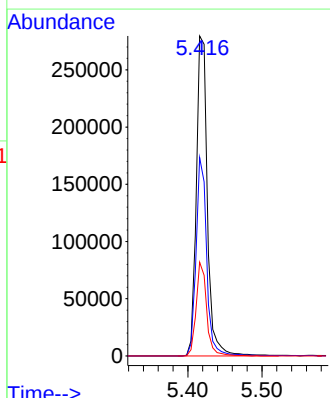
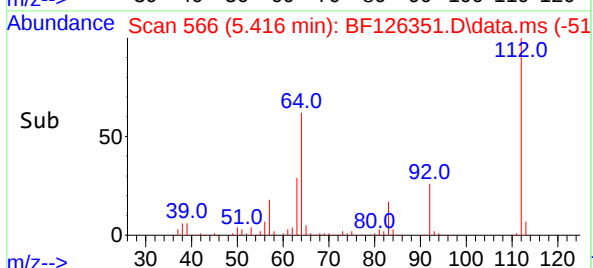
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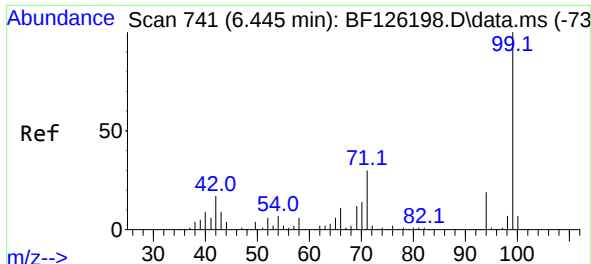


#5
2-Fluorophenol
Concen: 43.744 ng
RT: 5.416 min Scan# 566
Delta R.T. -0.012 min
Lab File: BF126351.D
Acq: 23 Dec 2021 18:46



Tgt Ion:112 Resp: 290410
Ion Ratio Lower Upper
112 100
64 62.0 44.2 66.2
63 29.3 26.2 39.2





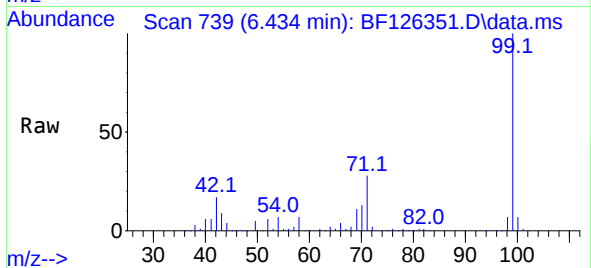
#7
Phenol-d6
Concen: 40.840 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF126351.D
Acq: 23 Dec 2021 18:46

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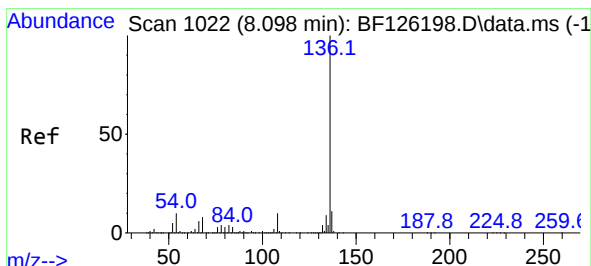
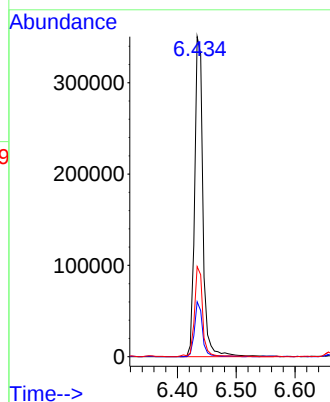
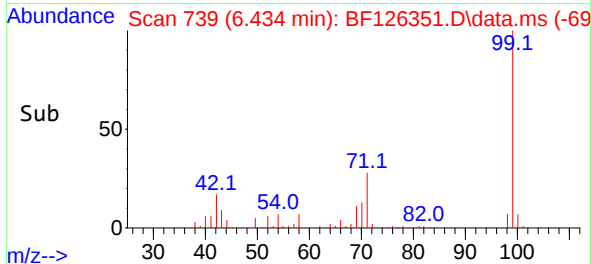


Tgt Ion: 99 Resp: 34426
Ion Ratio Lower Upper
99 100
42 17.1 23.5 35.3
71 28.1 25.6 38.4

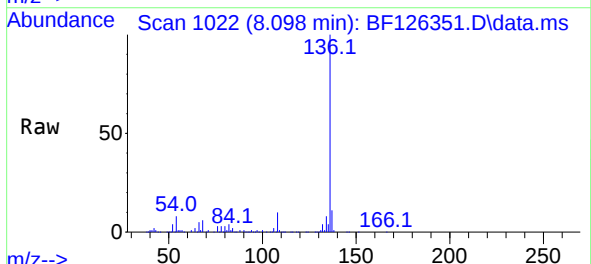
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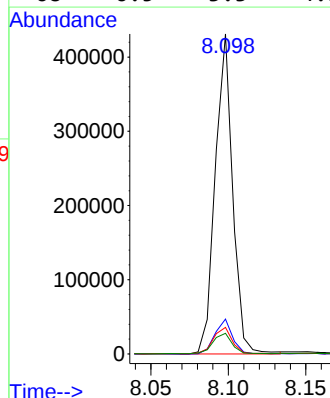
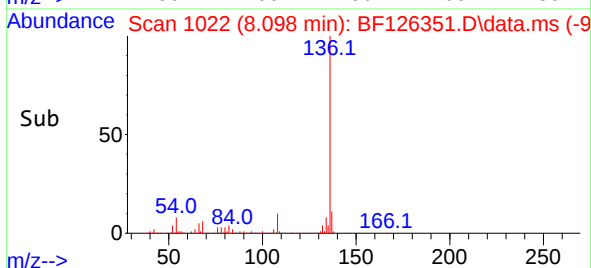
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Supervised By :mohammad ahmed 12/31/2021

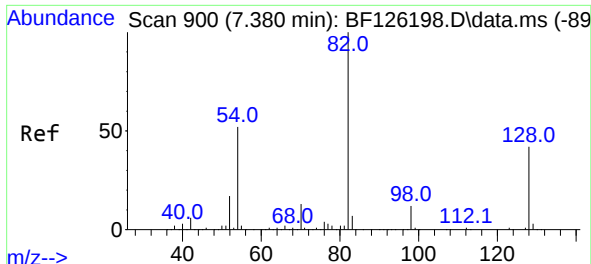


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF126351.D
Acq: 23 Dec 2021 18:46



Tgt Ion:136 Resp: 337678
Ion Ratio Lower Upper
136 100
137 10.9 9.8 14.6
54 8.3 6.4 9.6
68 6.5 3.3 4.9





#23
Nitrobenzene-d5
Concen: 32.474 ng
RT: 7.369 min Scan# 84
Delta R.T. -0.012 min
Lab File: BF126351.D
Acq: 23 Dec 2021 18:46

Instrument :

BNA_F

ClientSampleId :

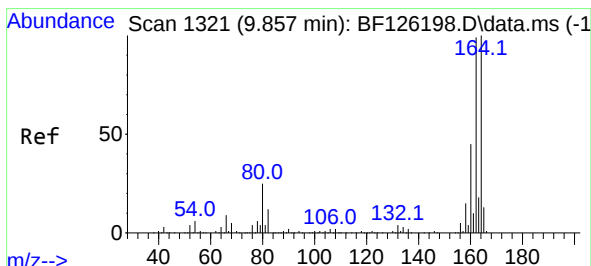
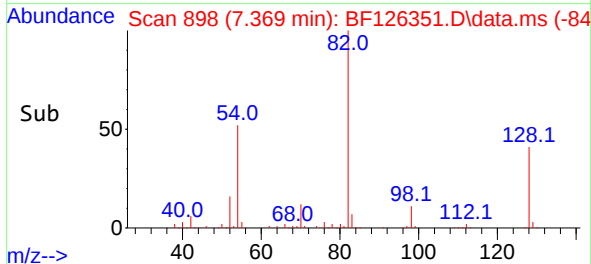
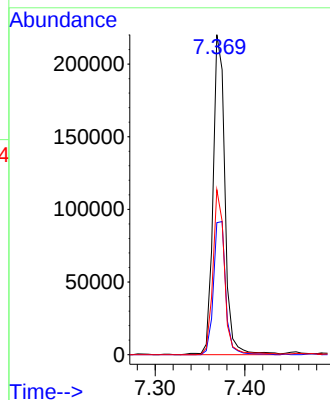
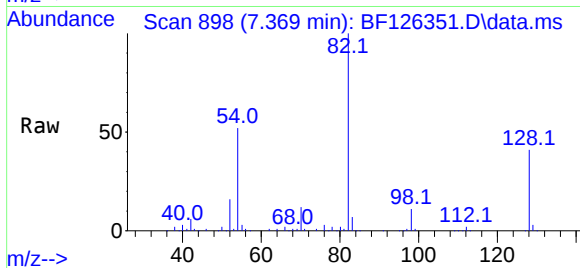
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Tgt Ion: 82 Resp: 20247
Ion Ratio Lower Upper
82 100
128 41.2 40.6 60.8
54 51.6 49.6 74.4

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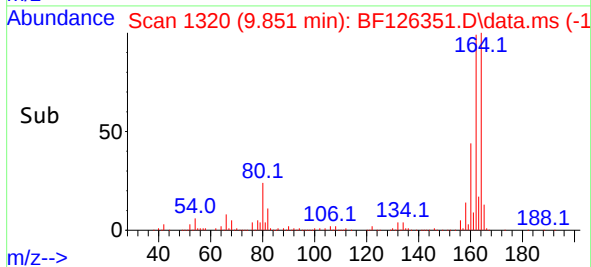
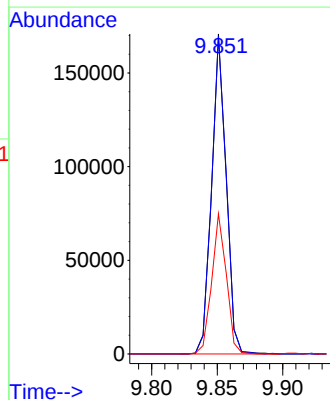
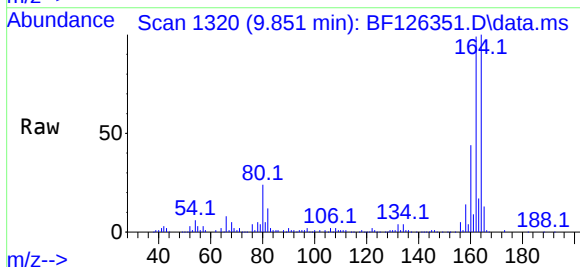
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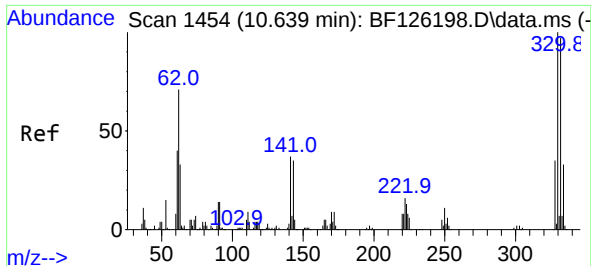
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Supervised By :mohammad ahmed 12/31/2021



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.851 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF126351.D
Acq: 23 Dec 2021 18:46

Tgt Ion:164 Resp: 131219
Ion Ratio Lower Upper
164 100
162 99.2 81.3 121.9
160 43.8 38.0 57.0





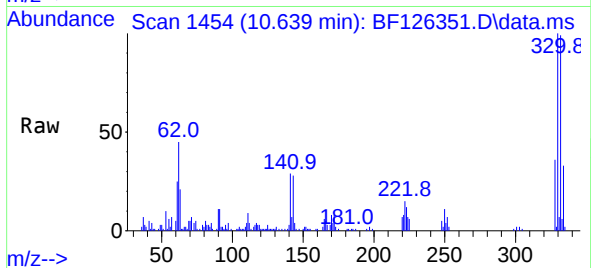
#42
2,4,6-Tribromophenol
Concen: 45.775 ng
RT: 10.639 min Scan# 1454
Delta R.T. -0.006 min
Lab File: BF126351.D
Acq: 23 Dec 2021 18:46

Instrument :

BNA_F

ClientSampleId :

TR-05-122121

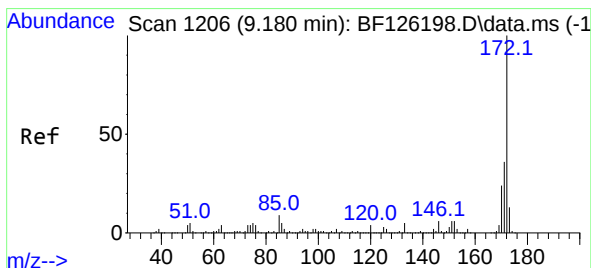
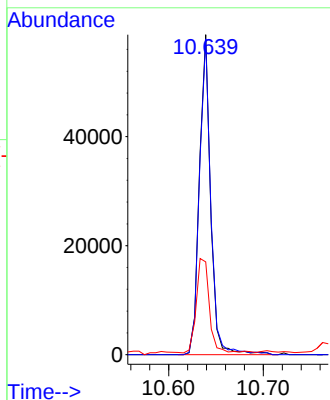
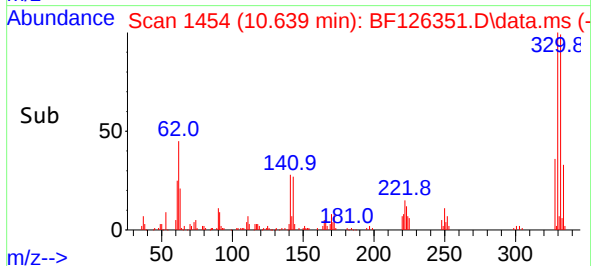


Tgt Ion:330 Resp: 48272
Ion Ratio Lower Upper
330 100
332 100.1 76.2 114.4
141 34.2 44.6 66.8

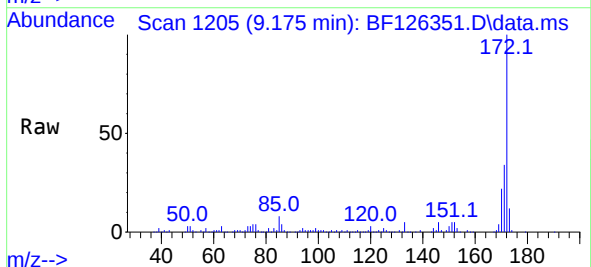
Manual Integrations

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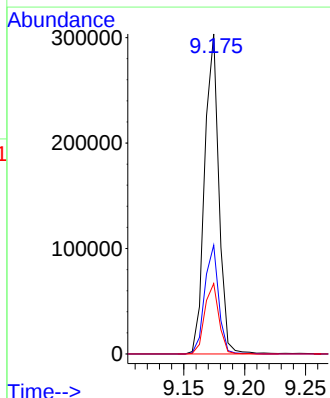
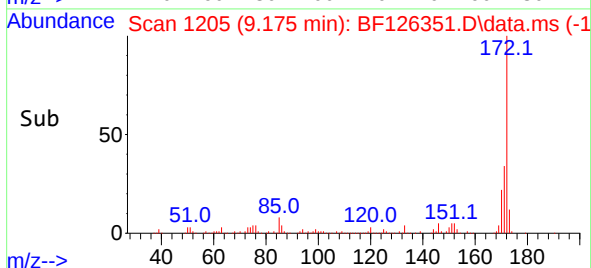
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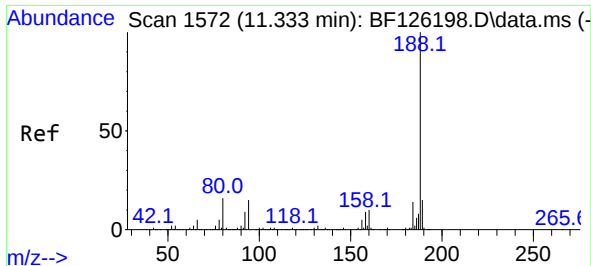


#45
2-Fluorobiphenyl
Concen: 32.917 ng
RT: 9.175 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF126351.D
Acq: 23 Dec 2021 18:46



Tgt Ion:172 Resp: 246272
Ion Ratio Lower Upper
172 100
171 34.0 26.5 39.7
170 22.0 18.8 28.2





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.339 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF126351.D
Acq: 23 Dec 2021 18:46

Instrument :

BNA_F

ClientSampleId :

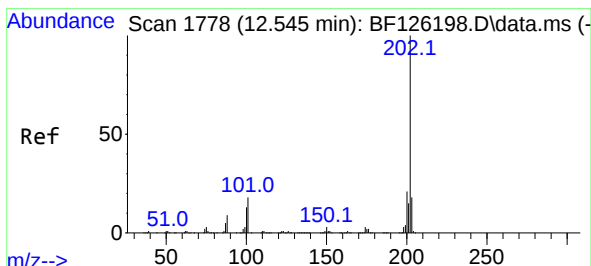
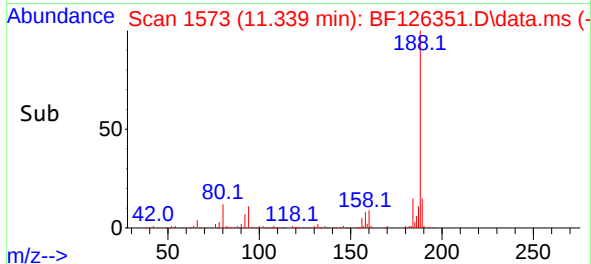
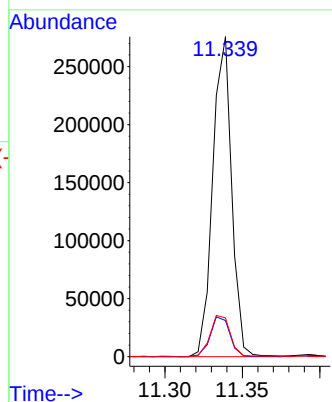
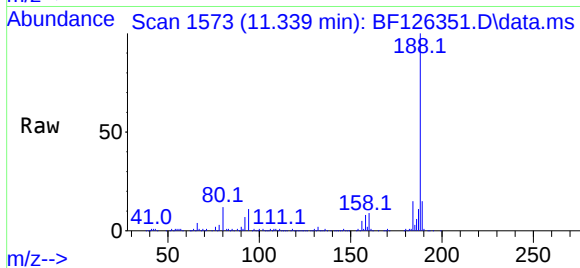
TR-05-122121

Tgt Ion:188 Resp: 23315
Ion Ratio Lower Upper
188 100
94 11.3 6.7 10.1
80 12.1 7.5 11.3

Manual Integrations

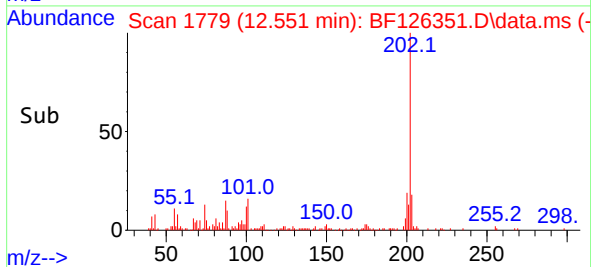
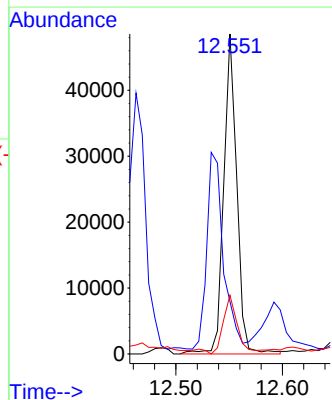
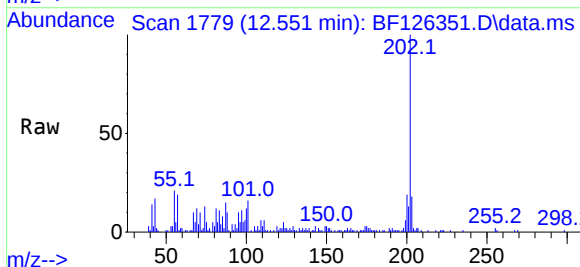
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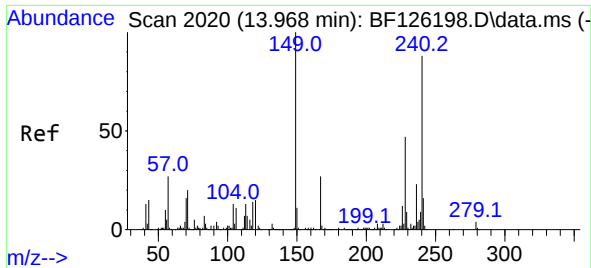
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Supervised By :mohammad ahmed 12/31/2021



#75
Fluoranthene
Concen: 3.801 ng
RT: 12.551 min Scan# 1779
Delta R.T. -0.000 min
Lab File: BF126351.D
Acq: 23 Dec 2021 18:46

Tgt Ion:202 Resp: 41209
Ion Ratio Lower Upper
202 100
101 16.4 0.0 30.7
203 18.4 0.0 36.3





#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 20
Delta R.T. -0.000 min
Lab File: BF126351.D
Acq: 23 Dec 2021 18:46

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BNA_F

ClientSampleId :

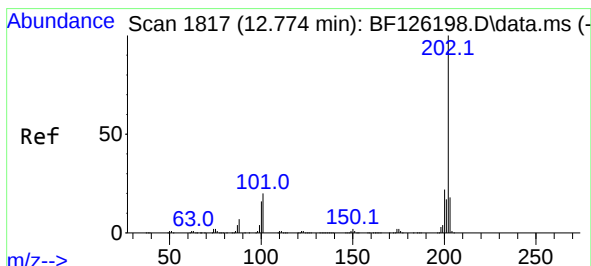
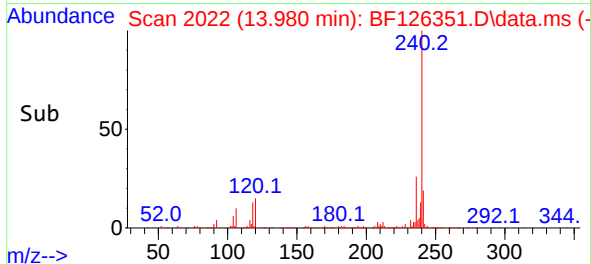
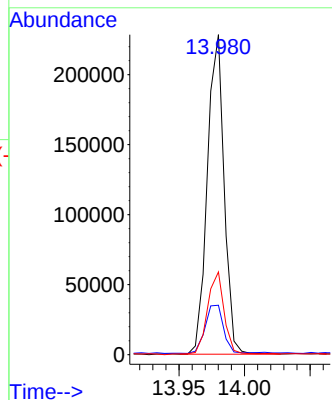
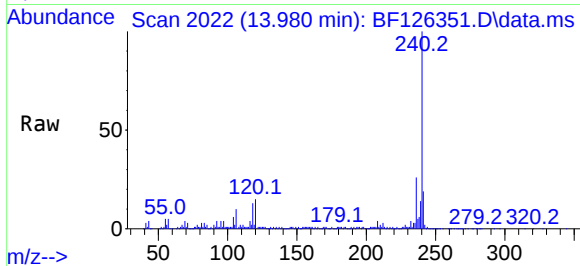
TR-05-122121

Tgt Ion:240 Resp: 20391
Ion Ratio Lower Upper
240 100
120 15.4 10.8 16.2
236 25.9 21.6 32.4

Manual Integrations

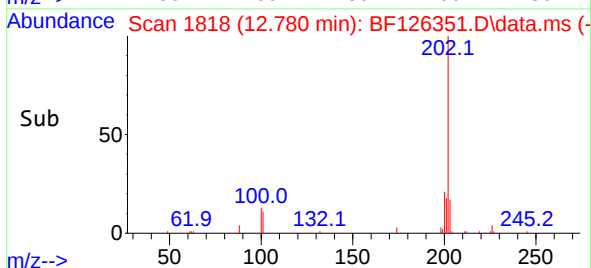
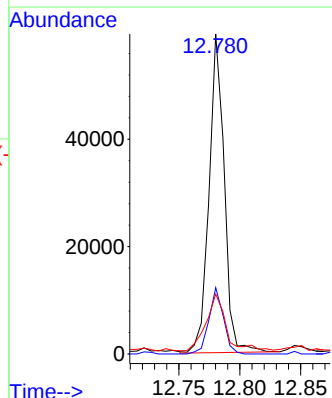
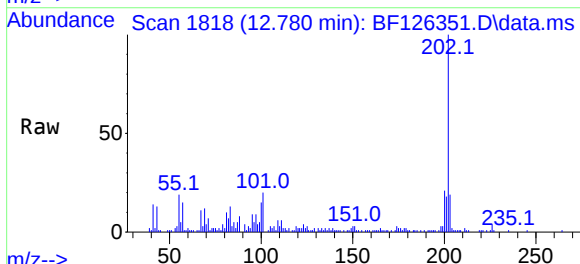
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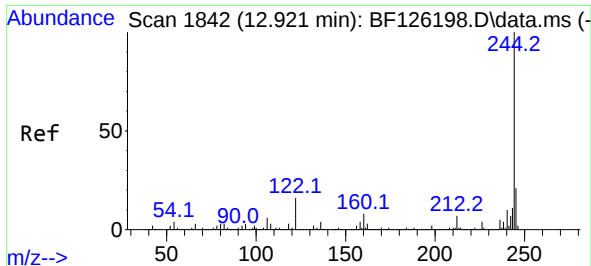
Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/31/2021



#78
Pyrene
Concen: 2.751 ng
RT: 12.780 min Scan# 1818
Delta R.T. -0.000 min
Lab File: BF126351.D
Acq: 23 Dec 2021 18:46

Tgt Ion:202 Resp: 51545
Ion Ratio Lower Upper
202 100
200 20.7 15.3 22.9
203 18.7 13.4 20.0





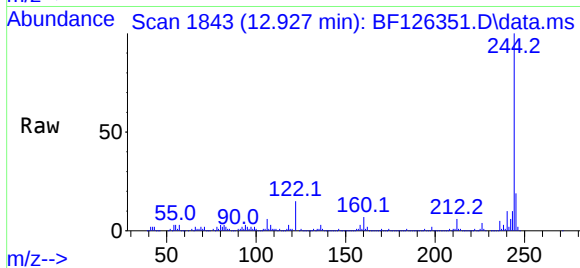
#79
Terphenyl-d14
Concen: 23.625 ng
RT: 12.927 min Scan# 1842
Delta R.T. -0.000 min
Lab File: BF126351.D
Acq: 23 Dec 2021 18:46

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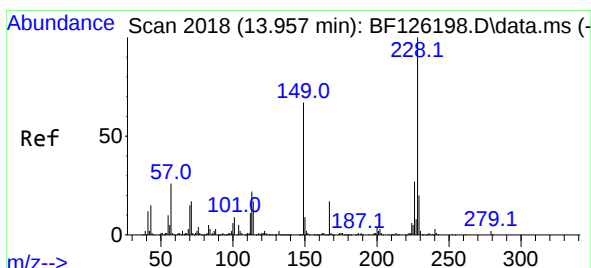
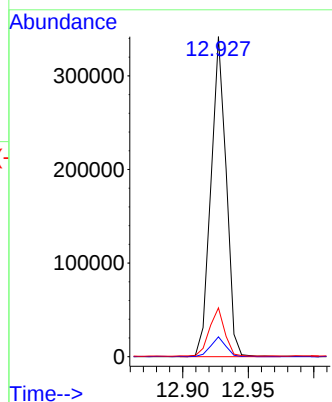
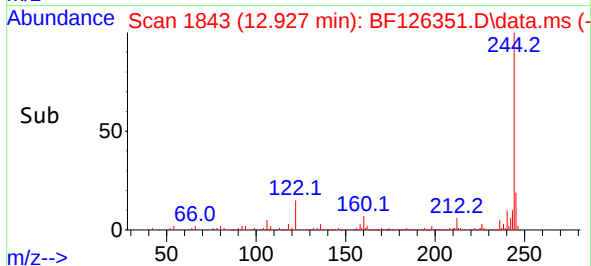


Tgt Ion:244 Resp: 277169
Ion Ratio Lower Upper
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212 6.2 5.9 8.9
122 15.2 9.0 13.4

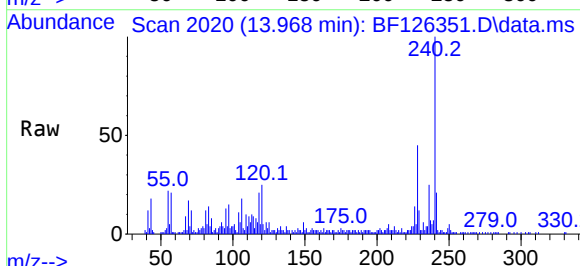
Manual Integrations

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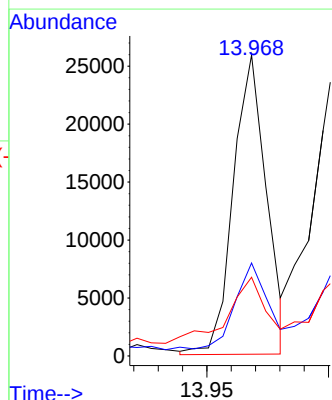
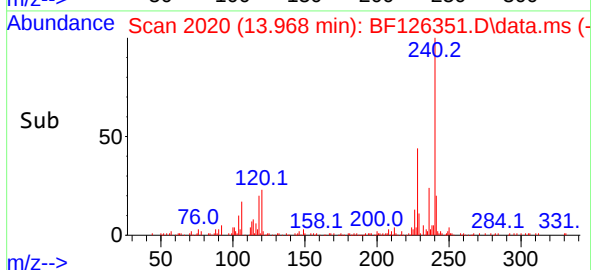
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Supervised By :mohammad ahmed 12/31/2021

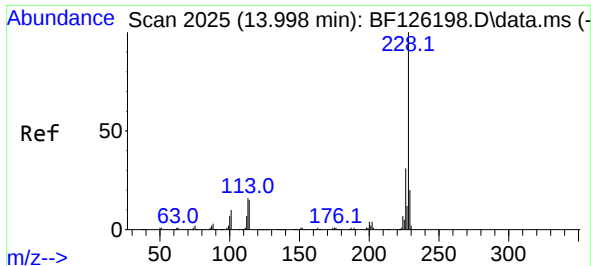


#81
Benzo(a)anthracene
Concen: 2.028 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.000 min
Lab File: BF126351.D
Acq: 23 Dec 2021 18:46



Tgt Ion:228 Resp: 24491
Ion Ratio Lower Upper
228 100
226 30.9 21.6 32.4
229 26.2 15.6 23.4





#83
Chrysene
Concen: 2.336 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.000 min
Lab File: BF126351.D
Acq: 23 Dec 2021 18:46

Instrument :

BNA_F

ClientSampleId :

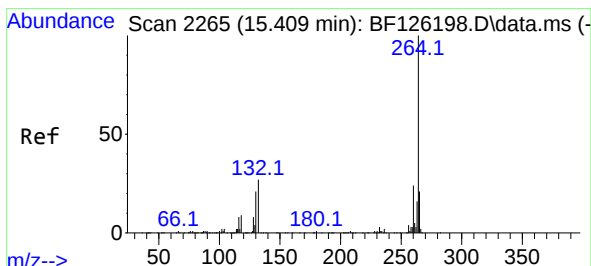
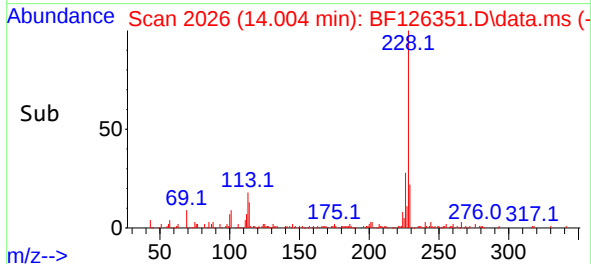
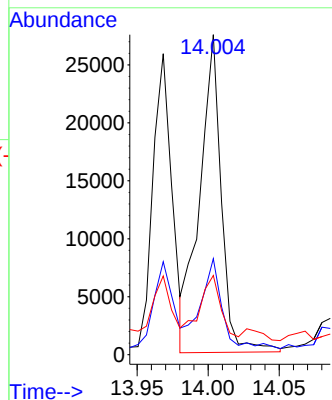
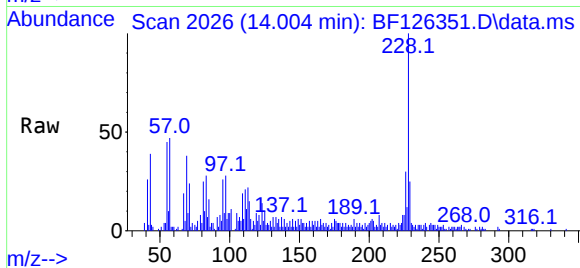
TR-05-122121

Tgt Ion:228 Resp: 2931
Ion Ratio Lower Upper
228 100
226 30.0 22.6 34.0
229 24.8 15.9 23.9

Manual Integrations

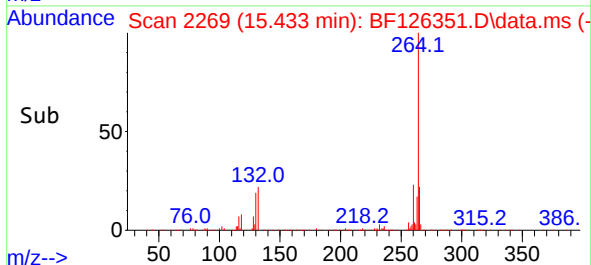
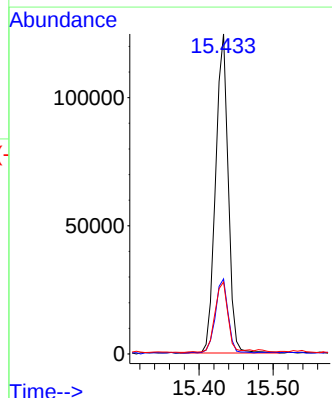
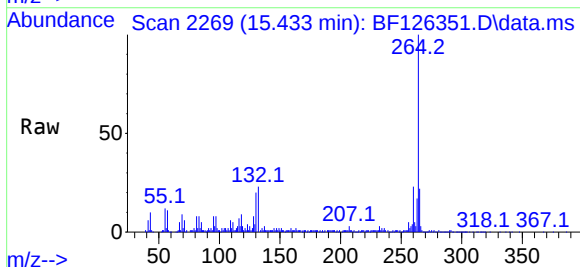
APPROVED

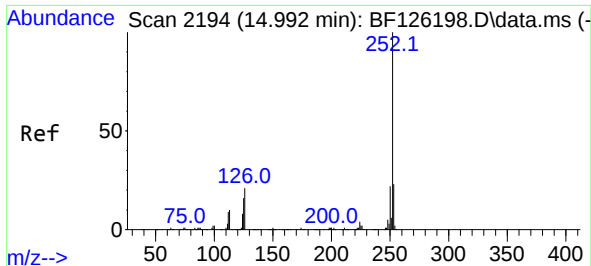
Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/31/2021



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.433 min Scan# 2269
Delta R.T. 0.006 min
Lab File: BF126351.D
Acq: 23 Dec 2021 18:46

Tgt Ion:264 Resp: 147263
Ion Ratio Lower Upper
264 100
260 23.4 19.6 29.4
265 22.5 17.2 25.8





#88
Benzo(b)fluoranthene
Concen: 3.123 ng m
RT: 15.009 min Scan# 2194
Delta R.T. 0.006 min
Lab File: BF126351.D
Acq: 23 Dec 2021 18:46

Instrument :

BNA_F

ClientSampleId :

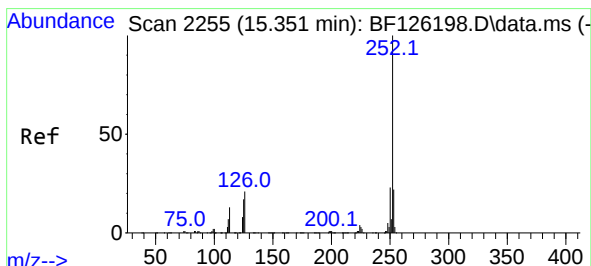
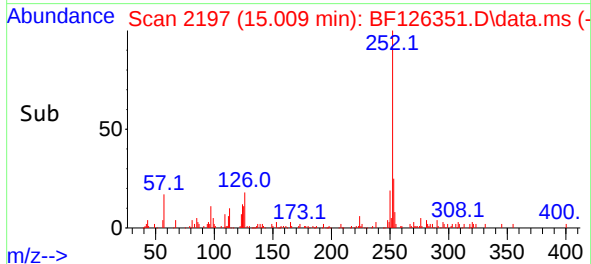
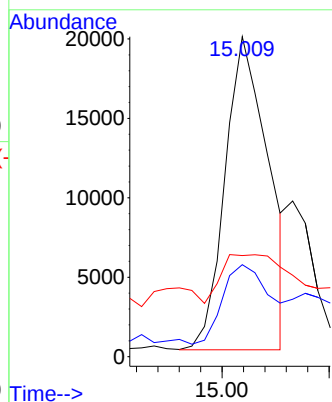
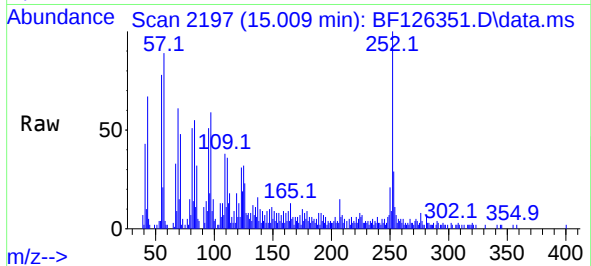
TR-05-122121

Tgt Ion:252 Resp: 2763
Ion Ratio Lower Upper
252 100
253 28.7 16.8 25.2
125 31.6 9.8 14.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/31/2021



#90
Benzo(a)pyrene
Concen: 2.796 ng
RT: 15.368 min Scan# 2258
Delta R.T. 0.006 min
Lab File: BF126351.D
Acq: 23 Dec 2021 18:46

Tgt Ion:252 Resp: 20564
Ion Ratio Lower Upper
252 100
253 25.7 18.4 27.6
125 39.1 9.9 14.9

